

## Pest Management Practices

### Pest Management Practices - Percent of Acres Receiving Practice and Percent of Farms Utilizing Practice, All Vegetables, 2004

Practice	Percent of Acres Receiving Practice		Percent of Farms Utilizing Practice	
	PA	Program States <sup>1</sup> 2004	PA	Program States <sup>1</sup> 2004
Prevention Practices:				
No-till/minimum till used to manage pests	24	22	28	21
Remove or plow down crop residue	79	73	68	66
Clean implements after fieldwork	58	67	40	56
Field cultivated for weed control	51	82	64	73
Field edges/etc. chopped, mowed/etc.	76	82	70	69
Water management practices	5	44	7	24
Avoidance Practices:				
Adjust planting/harvesting dates	32	30	23	20
Rotate crops to control pests	95	85	87	78
Planting locations planned to avoid pests	43	43	42	37
Grow trap crop to control insects	1	4	1	5
Crop variety chosen for pest resistance	48	46	49	38
Monitoring Practices:				
Scouting by general observation	88	85	67	67
Deliberate scouting activities	10	13	26	27
Field was not scouted	1	1	7	6
Established scouting process/insect trap used	37	64	24	35
Scouting due to pest advisory warning	11	25	15	15
Scouting due to pest development model	18	29	20	17
Scouted for weeds	95	94	87	89
Scouting for weeds was done by:				
Operator, partner, or family member	72	43	83	73
An employee	2	11	2	3
Farm supply or chemical dealer	10	13	4	7
Indep. crop consultant or comm. scout	16	33	12	17
Scouted for insects and mites	98	99	91	92
Scouting for insects/mites was done by:				
Operator, partner, or family member	69	31	81	65
An employee	2	9	2	3
Farm supply or chemical dealer	10	16	3	8
Indep. crop consultant or comm. scout	20	44	14	24
Scouted for diseases	95	97	87	88
Scouting for diseases was done by:				
Operator, partner, or family member	67	30	80	65
An employee	2	8	2	3
Farm supply or chemical dealer	10	17	4	8
Indep. crop consultant or comm. scout	21	45	14	24
Records kept to track pests	44	63	25	36
Field mapping of weed problem	10	23	10	13
Soil/plant tissue analysis to detect pests	20	45	12	23
Weather monitoring	87	77	72	61
Biological pest controls	23	23	11	10
Suppression Practices:				
Biological pesticides	8	29	7	13
Beneficial organisms	1	9	1	6
Scouting used to make decisions	40	49	34	32
Maintain ground cover or physical barriers	70	50	56	46
Adjusted planting methods	19	26	17	23
Alternate pesticides with different MOA	62	63	66	40

<sup>1</sup> The 20 Program States consist of: Arizona, California, Delaware, Florida, Georgia, Illinois, Maryland, Michigan, Minnesota, New Jersey, New York, North Carolina, Ohio, Oregon, **Pennsylvania**, South Carolina, Tennessee, Texas, Washington, and Wisconsin.